

*Split*

# Work Order ID 73801-2

Thursday, September 15, 2011 12:33:16 PM



Page 1

Item ID: D3439-101

Accept



Setup

Start



Stop



Revision ID:

Item Name: Mirror Assembly 8"

Start Date: 9/15/2011 Start Qty: 40.00



Cust Item ID:

Required Date: 9/23/2011 Req'd Qty: 40.00



Customer:

Reference:

Approvals: Process Plan: J

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr Revision Nbr

D3439

Rev B

0.00

100



PURCHASING

Purchasing

Memo

0.00

Issue P/O: 111400  
For Grote Mirror P/N: 12183  
Possible Supplier: UAP/NAPA  
Material release note is required

9/11/2011  
100

110



Receive & Inspect for Damage & Mat'l Certs

0.00

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

9/11/2011  
40

115



QC6- Inspect dimensions to drawing

0.00

QC

Memo

0.00

Quality Control

9/11/2011  
40

Wanted  
40

# Work Order ID 73801



Page 2

Thursday, September 15, 2011 12:33:16 PM

Item ID: D3439-101

Accept



Setup

Start



Revision ID:

Item Name: Mirror Assembly 8"

Stop



Start Date: 9/15/2011 Start Qty: 40.00



Cust Item ID:

Required Date: 9/23/2011 Req'd Qty: 40.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120



Small Fab

0.00

Small Fab

Memo

0.00

- 1- Discard Hardware.
- 2- Drill and Tap mirror as per Dwg using DT9670 , then install stud as per dwg.
- 3- Plug drain holes with Sikaflex.

Ensure that mirror adheres to housing.

Pick:

Qty	Part Number	Description	Batch
A/RN/A	Sikaflex-241/291		1118393
Sikaflex expiry date <u>12/04/05</u>			

130



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

# Work Order ID 73801

Thursday, September 15, 2011 12:33:16 PM



Page 3

Item ID: D3439-101

Accept



Setup Start



Revision ID:

Item Name: Mirror Assembly 8"

Start Date: 9/15/2011 Start Qty: 40.00

Required Date: 9/23/2011 Req'd Qty: 40.00

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



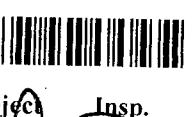
QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

140



Packaging

Packaging

Operation  
Description

Identify as per dwg & Stock Location: 220

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

11/10/21 SP

3x

150



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

11/10/21 DJ

MF  
11-10-21

## Worklist Print

Thursday, September 15, 2011 12:33:13 PM

Page 1

Work Order ID: 73801



Parent Item: D3439-101



Parent Item Name: Mirror Assembly 8"

Start Date: 9/15/2011

Required Date: 9/23/2011

Start Qty: 40.00

Required Qty: 40.00

Comments: IPP A:05.07.20 (New issue) KJ/JLM  
per dwg RevB DD ver/sec

IPP Rev:B 10.09.08

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

12183 		Purchased	No			120	Each	0.0000	1 	40		<i>12183 09/15/21</i>
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GROTE MIRROR

D3015-3 		Manufactured	No			120	Each	148.0000	1 	40		<i>D3015-3 09/10/21</i>
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Locknut

Location	Loc Qty	Loc Code
ST030	148	
66114	100	
67536	48	

D3439-3 		Manufactured	No			120	Each	0.0000	1 	40		<i>D3439-3 09/10/21</i>
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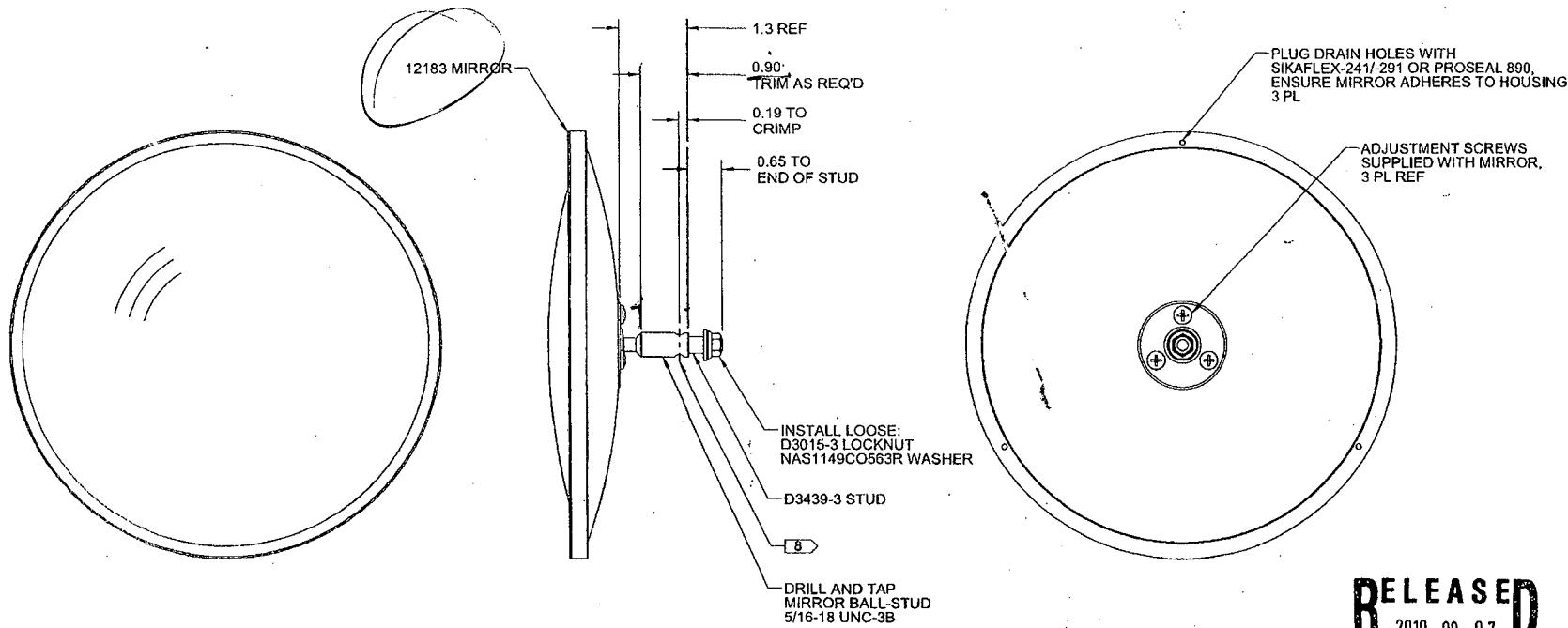
Stud

NAS1149C0563R 		Purchased	No			120	Each	379.0000	1 	40		<i>NAS1149C0563R 09/10/21</i>
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Washer

Location	Loc Qty	Loc Code
ST297	379	
116391	191	
117460	188	

ITEM	QTY	P/N	DESCRIPTION
1	X	D3439-101	MIRROR ASSEMBLY, 8"
2	1	12183	MIRROR 8" (GROTE)
3	1	D3015-3	LOCKNUT
4	1	D3439-3	STUD
5	1	NAS1149CO563R	WASHER (OR AN960JD516)



D3439-101 MIRROR ASSEMBLY

NOTES:

- 1) MATERIAL: MIRROR= 8" ROUND CONVEX MIRROR W/ STAINLESS STEEL CASE  
CENTER-MOUNT BALL-STUD W/ 1/4-20 X 1" DEEP FEMALE THREAD  
GROTE INDUSTRIES, 2600 LANIER DRIVE, MADISON, INDIANA 47250
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3439-101" USING REMOVEABLE TAG
- 7) WEIGHT: 1.18 lbs
- 8) TO INSTALL D3439-3 STUD:
  - APPLY LOCTITE 262 TO THREADS BEING INSTALLED INTO MIRROR BALL-STUD
  - THREAD D3439-3 STUD INTO MIRROR BALL-STUD
  - CRIMP MIRROR BALL-STUD ON OPPOSING SIDES, 0.19 FROM END AS ILLUSTRATED USING TOOL DT8317
  - CRIMP TO DEPTH OF 0.015-0.030 USING R0.125

RELEASED  
2010-09-07  
AM

B	REDRAW, ADD -3 (WAS PURCHASED/TRIMMED BOLT), RMV LPS	CP	10.07.20
A	NEW ISSUE	CP	05.05.27
REV.	DESCRIPTION		
DESIGN	GP	DART AEROSPACE LTD	
DRAWN	GP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	MA	DRAWING NO.	REV. B
MFG. APPR.	JH	D3439	SHEET 1 OF 2
APPROVED	JH	TITLE	SCALE
DE APPR.	JH	MIRROR ASSEMBLY	NTS
DATE	10.07.20	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS IMPERFECT ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO14900

Purchase Order Date 9/15/2011  
PO Print Date 9/15/2011

Page Number 1 of 1

Order From : VC-AUT001

AUTO PARTS EXTRA  
1000 RUE LANSDOWNE  
HAWKESBURY, ON K6A 1H7  
CA

Contact Name	Buyer	Brigitte Golden
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	CAD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	12183	GROTE MIRROR	9/19/2011 Yes	40.00 Each	Yours ppd	\$21.4900	\$859.60

Special Inst: As per DWG: D3439 Rev: B  
B73801

PO Total: \$859.60

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 2

Change Date: 9/15/2011

**AUTO PARTS • PIÈCES D'AUTO  
TRUCK PARTS • PIÈCES DE CAMION  
PERFORMANCE PARTS • PIÈCES DE PERFORMANCE  
TIRES • PNEUS**

*Benson*

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www.bensonautoparts.com

C-11089

Past due accounts bear 2% interest per month (24% per annum). If this account is placed with a 3rd party collection, an administrative cost of 25% will be added. All exchanges and returns claims must be accompanied by this invoice. Electrical parts not returnable. All parts returned are subject to 20% handling charge. All merchandise sold on this invoice remains the vendor's property until this invoice is paid in full.

TERMS: Payment due on 10th day of the following month.

Aucun remboursement sans cette facture. Net 30 jours, 2% de frais d'intérêt par mois (24% par année) sur le compte en souffrance. 20% de frais de manutention sur toute marchandise renvoyée. Clause pénale une amende de 25% sera chargée sur compte sujet à des procédures légales. Les marchandises mentionnées sur cette facture demeurent la propriété du vendeur tant qu'elles ne seront pas entièrement payées. Pièces électriques non-renvoyable.

TERMES: Compte payable le 10 du mois suivant.

TVQ: 1016330716 TQ0001 — HST / TPS: 10035 3366 RT0001

SIGNATURE

*Thank You*

1000 RUE LANDSDOWNE HAWKESBURY , ON K6A 1H7  
TEL: (613)632-1191 FAX: (613)632-2350

*Merci*

WE THANK YOU FOR YOUR BUSINESS

VERSUS BUSINESS FORMS (CORNWALL) (613) 936-1852

113336 (613)632-5200			113336			DATE: 9/19/11 13:03 11MLMLP
S O E D D U T	MDART AEROSPACE LTD. 1270 ABERDEEN STREET TO AHAWKESBURY			SHIP/EXP DÉP. DE TO À	SAME ***	
ORD / COM	SHIP / EXP	CODE	PART No / PIÈCES 12183 direct grote 1817298 SHIP VIA	DESCRIPTION 8" CONVEX - STAINL BOV: GR0 PIECES/CORE TOT 242	LIST / CHACUN 39.42	COST / COÛTANT 21.49
40	40	088X				EXTENSION 859.60
40	***					
INVOICE NO / FACTURE 11106110	TYPE / SORTE INVOICE	TOTAL 859.60	DISC / ESC 0.00	FRT / TRANS 0.00	HST / TPS 111.75	TVQ 0.00
						AMT TO PAY / À PAYER 971.35

*8/16/9/21*